

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-14 (Canceled).

Claim 15 (New): A wireless signal receiving method in which after a physical channel sent from a base station in a wireless communication system at an unspecified timing is demodulated from a high frequency signal to a baseband signal, the baseband signal is decoded and is output as a decoded baseband signal, and

a desired channel included in the decoded baseband signal is decrypted by a communication control part for performing communication control, the wireless communication receiving method comprising:

judging whether or not the desired channel exists in the physical channel of the decoded baseband signal and outputting a judgment result;

waking-up of bringing a power source of the communication control part into an ON state in a case in which the judgment result indicates existence of the desired channel; and

sleeping of bringing the power source of the communication control part into an OFF state when it is confirmed that the communication control part does not need to be operated in a case in which the power source of the communication control part is in the ON state.

Claim 16 (New): A wireless signal receiving method as recited in claim 15, wherein the wireless communication system is a WCDMA system, the physical channel is a SCCPCH, and the desired channel is an FACH.

Claim 17 (New): A wireless signal receiving method as recited in claim 16, wherein the judging is performed using a TFCI decoded by the decoding part.

Claim 18 (New): A wireless signal receiving method as recited in claim 16, wherein after the judging, error detection of the judgment result is performed.

Claim 19 (New): A wireless signal receiving method as recited in claim 18, wherein the error detection is made by a CRC judgment.

Claim 20 (New): A wireless signal receiving method as recited in claim 16, wherein at the waking-up, in a case in which the judgment result indicates the existence of the FACH, and when the SCCPCH is decoded, the power source of the communication control part is brought into the ON state by an interrupt signal.

Claim 21 (New): A wireless signal receiving method as recited in claim 15, wherein the wireless communication system is a WCDMA system, the physical channel is a DPCH, and the desired channel is a DTCH.

Claim 22 (New): A wireless signal receiving method as recited in claim 21, wherein the judging is performed using a TFCI decoded by the decoding part.

Claim 23 (New): A wireless signal receiving method as recited in claim 21, wherein after the judging, error detection of the judgment result is performed.

Claim 24 (New): A wireless signal receiving method as recited in claim 23, wherein the error detection is made by a CRC judgment.

Claim 25 (New): A wireless signal receiving method as recited in claim 21, wherein at the waking-up, in a case in which the judgment result indicates the existence of the DTCH, and when the DPCH is decoded, the power source of the communication control part is brought into the ON state by an interrupt signal.

Claim 26 (New): A wireless signal receiving method as recited in claim 15, wherein the sleeping includes:

confirming whether or not an operation instruction to the communication control part exists in a case in which a decryption result of the communication control part indicates continuation of reception of the desired channel signal, and

power supply stop processing of bringing the power source of the communication control part into an OFF state in a case in which the confirming indicates that there is no operation instruction.

Claim 27 (New): A wireless signal receiving method as recited in claim 16, wherein the confirming confirms one of whether or not there is a processing request from various terminals connected to the communication control part, whether or not information acquisition of a peripheral cell is necessary, and whether or not the information acquisition of the peripheral cell exists.

Claim 28 (New): A wireless signal receiving apparatus in a wireless signal receiving method in which after a physical channel sent from a base station in a wireless communication system at an unspecified timing is demodulated from a high frequency signal to a baseband signal, the baseband signal is decoded and is output as a decoded baseband signal, and

a desired channel included in the decoded baseband signal is decrypted by a communication control part for performing communication control,

the apparatus comprising:

means for judging whether or not a signal of the desired channel exists in the physical channel of the decoded baseband signal and outputting a judgment result;

means for bringing a power source of the communication control part into an ON state in a case in which the judgment result indicates existence of the desired channel; and

means for bringing the power source of the communication control part into an OFF state when it is confirmed that the communication control part does not need to be operated in a case in which the power source of the communication control part is in the ON state.